

Title (en)

Air conditioner, a vehicle provided therewith and a control method for an air conditioner

Title (de)

Klimaanlage, Fahrzeug mit einer derartigen Klimaanlage, und Verfahren zur Steuerung einer Klimaanlage

Title (fr)

Climatisation, véhicule équipé d'une telle climatisation, et procédé de régulation d'une telle climatisation

Publication

EP 1518730 A1 20050330 (EN)

Application

EP 04022654 A 20040923

Priority

- JP 2003333118 A 20030925
- JP 2003333119 A 20030925
- JP 2003333120 A 20030925

Abstract (en)

In an air conditioner for a vehicle including a front pillar (13) which is disposed diagonally in front of a passenger and extends slant in a longitudinal direction of the vehicle, there are provided an air conditioning duct (46) disposed along the front pillar (13), a front-pillar conditioned-air blow-off port (47) which blows off conditioned air toward the passenger from the air conditioning duct (46), and a louver device (60) to be disposed at the front pillar (13) and deflect the conditioned air within an angle which is smaller than a slant angle of the front pillar (13), whereby the conditioned air from the louver device (60) can be blown off toward a neck portion and a head portion of the passenger. Thus, efficient air conditioning to a neck portion and its surroundings, which are sensitive to the passenger's air conditioning feeling, can be provided. <IMAGE>

IPC 1-7

B60H 1/00

IPC 8 full level

B60H 1/00 (2006.01); **B60H 1/24** (2006.01)

CPC (source: EP US)

B60H 1/00407 (2013.01 - EP US); **B60H 1/00564** (2013.01 - EP US); **B60H 1/242** (2013.01 - EP US); **B60H 1/247** (2013.01 - EP US)

Citation (search report)

- [Y] US 2003054750 A1 20030320 - LUIK KLAUS [DE], et al
- [Y] DE 2318097 A1 19741031 - VOLKSWAGENWERK AG
- [Y] WO 9517314 A1 19950629 - SAAB AUTOMOBILE [SE], et al
- [Y] DE 10007402 A1 20010823 - VOLKSWAGEN AG [DE]
- [A] FR 2473962 A1 19810724 - DAIMLER BENZ AG [DE]
- [A] US 5950722 A 19990914 - HUETTEMAN STEVEN C [US]

Cited by

WO2007042268A1

Designated contracting state (EPC)

DE

DOCDB simple family (publication)

EP 1518730 A1 20050330; **EP 1518730 B1 20061213**; DE 602004003646 D1 20070125; DE 602004003646 T2 20071004; US 2005067140 A1 20050331; US 7247088 B2 20070724

DOCDB simple family (application)

EP 04022654 A 20040923; DE 602004003646 T 20040923; US 93452804 A 20040907